# Willis L. Jepson Field Books Volume 62

No. 62.
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Field Book

of

Willis Linn Jepson

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1

no. 20,876.

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No. 20,900. Linanthus ~~dianthus~~ bicolor
San Bruno Hills, Greene.
San Francisco, Apr. 4, 1891.

No. 20,901. Linanthus androsaceus
Greene. Ross Valley, Marin Co.,
Apr. 5, 1892.

No. 20,902. Same. Berkeley Hills,
cañon above Blind School, Apr. 22, '87.

No. 20,903. Same. Miller Cañon, Vaca
Mts., Apr. 5, 1885.

No. 20,904. Same. Signal sta., Vaca
Mts., Mar. 25, 1892.

No. 20,905. Same. Putah Bluffs, a
little above Winters, Solano side, Apr.
1890.

No. 20,906. Same. Fish Ranch, Berke-
ley Hills, 1891.

No. 20,907. Linanthus
Summit sta., Nevada Co., July, '98.

No. 20,908. Linanthus ciliatus
Weldon Cañon, Vaca Mts. Greene.
May 19, 1884.

No. 20,909. Same. Hillsides w. of
Rutherford, Napa Valley,
May 9, 1893.

No. 20,910. Same. Between Toll House
and Hazel Green, Mariposa Co.,
July 4, 1896.

No. 20,911. Linanthus ciliatus Greene. Big Mdws., Coulterville-Yosemite road, Mariposa Co., July 6, 1896.

No. 20,912. Same. Bear Valley, Nevada Co., July 20, 1898.

No. 20,913. Same. Bluffs on s. side Putah Creek, above Winters in 1890.

No. 20,914. Same. South Peak, Marysville Buttes, Apr. 20, 1891.

No. 20,915. Same. Vaca Mts. near Collins Camp, June 12, 1893.

No. 20,916. Linanthus ambiguus Same. Sisson, Siskiyou Co., July 24-Aug. 10, 1894.

No. 20,917. Linanthus bolanderi Greene. Stivers ranch, near Rosewood, w. Tehama Co., Apr. 25, 1899.

No. 20,918. Linanthus ambiguus Greene. Eva sta., Santa Cruz Mts., June 24, 1896. = L. rattanii (Gray).

No. 20,919. Linanthus bolanderi Gray. Hullville, n. Lake Co., Aug. 4, 1892.

20,920a Linanthus pygmaeus, St. Helena, Conn Valley, lower end, on cross-ridge at mouth. See p. 97. June 2, 1896



No. 20,920. Linanthus bicolor ~~bolanderi~~ Greene. St. Helena, June 2, 1896.

No. 20,921. ~~Same~~ Linanthus bolanderi. Crane Creek, near Rosewood, w. Tehama Co., Apr. 25, 1899.

no. 20,921a. Linanthus bicolor

No. 20,922. Linanthus filifer Greene. Swins, Shasta Co., Aug. 10, 1894.

No. 20,923. Same. La Grange, ar. Stanislaus Co., July 1, 1896.

No. 20,924. Arctostaphylos nevadensis Gray. Summit sta., Nevada Co., July, 1898.

No. 20,925. Apocynum cannabinum L. Hass Slough, e. Solano Co., July 5, 1891.

No. 20,926. Linanthus dichotomus Bth. Marysville Buttes, Apr. 20, 1891.

No. 20,927. Linanthus filifer Greene. La Grange, Stanislaus Co., July 1, 1896. W.L. Jepson.

No. 20,928. Same. Dibble Creek, w. Tehama Co., 29 apr., 1899.

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No. 20,929. ~~Linanthus androsaceus~~ filipes (Bth.) Greene. South Peak, Marysville Buttes. Apr. 20, 1891.

No. 20,930. Same. Coulterville, Tuolumne Co., July 3, 1896.

No. 20,931. Linanthus harknessii Dog Valley, e. Nevada Co., Cal. Aug. 26, 1896.

No. 20,932. Same. Soldier Ridge, n. Trinity Co., July 24, 1897.

No. 20,933. Same. Summit sta., Nevada Co., July, 1898.

No. 20,934. Linanthus Gilia grandiflora (Bth.) Stend. Soquel Cañon, Santa Cruz Mts., 18 June, 1896.

No. 20,935. Linanthus liniflorus var. vallicola Greene. Main Prairie, Apr. 12, 1885. Solano Co.



No. 20,936. Linanthus ~~parviflorus~~ androsaceus Greene. Calistoga, May 2, 1893. Salt marsh.

No. 20,937. Same. Graveyard Hill, Vacaville, in 1890, Apr.

No. 20,938. Same. foothills nr. of Napa, Apr. 28, 1893.

No. 20,939. Linanthus ~~parviflorus~~ androsaceus Greene. Vacaville, Apr. 4, 1884.

No. 20,940. Same. Rebecca ranch grade, in the hills sw. of Calistoga, May 2, 1897.

No. 20,941. Gilia capitata Sims -ssp. capitata White Sulphur Springs, Napa Valley, Nov. , 1895.

No. 20,942. Navarretia squarrosa H. & A. Cobb Mtn., Lake Co., July 14, '97.

No. 20,943. Same. Berkeley. Sept., 1894.

No. 20,944. Same. Blue Lakes, Lake Co., July 16, 1897.

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No. 20,945. Navarretia squarrosa H.&A. Scott Valley, Lake Co., July 15, 1894.

No. 20,946. Same. Newport, Mendocino coast, July 31, 1897.

No. 20,947. Same. Monterey. Aug. 10, 1896.

No. 20,948. Same. Howell Mt., Sept. 24, 1893.

No. 20,949. Same. June 26, 1893. Howell Mt., Napa Co.

No. 20,950. Navarretia mellita Greene. Kelseyville, Lake Co. July 31, 1892.

No. 20,951. Same. Mt. Konocti. July 30, 1892.

No. 20,952. Same. Gater Cañon, Vaca Mts. 20 June, 1892.

No. 20,953. Gilia viscidula (~~H.&A.~~) Brh. = Navarretia Vacaville. 1892.

No. 20,954. Same. Between Potter Valley and Traveler's House, Mendocino Co., July 17, 1897. = Navarretia viscidula Greene.



No. 20,955. Navarretia nigelliformis Greene. Willows, Glenn Co. May 1, 1899.

No. 20,956. [Not Navarretia nitratacarpa Greene. Knoxville Ridge, Lake County, July 28, 1892. = Nav. jepsonii V. L. Bailey.

No. 20,957. Navarretia cotulifolia H.&A. Little Oak, Vacaville, May 15, 1896.

No. 20,958. Navarretia filicaulis Torr. Coulterville, Mariposa Co., July 3, 1896.

No. 20,959. Navarretia heterodoxa Greene. Petrified Forest, e. Sonoma Co., Aug. 30, 1895.

No. 20,960. Same. Grade to Napa Soda Springs, June 24, 93. Napa Range.

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No. 20,961. Navarretia heterodoxa Greene. Eva sta., Santa Cruz Mts., June 23, 1896. Eva sta., formerly = Forest Grove.

No. 20,962. Same. Rebecca ranch, nw. of Calistoga, in the Spring Mountain range. Oct. 14, 1894. (Summit back of the ranch.)

No. 20,963. Navarretia pubescens H. & A. July 13, 1897. Coyote Valley, s. Lake Co.

No. 20,964. Navarretia pubescens H. & A. Knoxville, vic. Napa Co., July 28, 1891.

No. 20,965. Navarretia mitracarpa Greene. Knoxville Ridge, Lake Co., July 28, 1892.

No. 20,966. Navarretia jepsonii V. Bailey. Coyote Valley, s. Lake Co., July 13, 1897.



No. 20,967. Dichelostemma pulchellum ~~Brodiaea capitata Bth.~~ St. Helena, Hills e. Mar. 13, 1893

No. 20,968. Same. Napa Range, e. of Calistoga, on Pope Valley grade. May 2, 1893

No. 20,969. Dichelostemma pulchellum Brodiaea congesta Sm. North Berkeley Hills, May 31, 1896.

No. 20,970. Brodiaea Greely Hill, Coulterville. July 3, 1896

No. 20,971. Brodiaea Greely Hill, Coulterville, July 3, '96.

No. 20,972. Brodiaea Bear Valley, Nevada Co., July 20, 1898.

No. 20,973. Brodiaea Madrono, Santa Clara Valley. June 9, 1896.

No. 20,974. Brodiaea Napa, June 24, 1893.

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No. 20,975. ~~Brodiaea~~ Tritelia hyacinthina Baker. Bear Valley, Nevada Co., July 20, 1898.

No. 20,976. Tritelia hyacinthina Same. Crane Creek, Tehama Co. (near Rosewood), Apr. 25, 1899.

No. 20,977. Same. Sisson. July, 1894.

No. 20,978. Brodiaea ida-maia Greene. Horse Mt., n. Lake Co., Aug., 1892.

No. 20,979. Brodiaea ixioides = Triteleia Wats. Manzanita Flat betw. Dibble Creek and South Fork Cottonwood Creek, Tehama Co., Apr. 29, 1899.

No. 20,980. Brodiaea laxa = Tritelia Bth. Crane Creek, Rosewood, Tehama Co., Apr. 25, 1899.



No. 20,981. Brodiaea laxa = Tritelia Bth. Walker Cañon, Vaca Mts., May 17, 1892.

No. 20,982. Brodiaea multiflora = Dichelostemma Bth. Bear Valley, Nevada Co., July, 1898.

No. 20,983. Brodiaea multiflora = Dichelostemma Bth. Crane Creek, Stivers ranch, Rosewood, w. Tehama Co., Apr. 25, 1899.

No. 20,984. Dichelostemma multiflora Heller Same. Hazel Green, Mariposa Co., June 16, 1896.

No. 20,985. Brodiaea congesta (Sm.). St. Helena. May 2, 1897.

No. 20,985. Dichelostemma pulchellum Brodiaea Bear Valley, Nevada Co., July, 1898.

No. 20,986. Allium unifolium Kell. Conn Valley, Napa Range, May 1, 1894.

No. 20,987. Allium monospermum Jepson. Collins Camp, Vaca Mts., June 12, 1893.

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No. 20,988. Eriogonum nudum var. auriculatum Bth. Berkeley, June, 1897.

No. 20,989. ~~Same~~ Eriogonum nudum var. nudum Weldon Cañon, Vaca Mts., Aug. 25, 1887.

No. 20,990. ~~Same~~ Eriogonum nudum var. auriculatum Berkeley, Mar. 29, 1897.

No. 20,991. ~~Same~~ Eriogonum nudum var. oblongifolium Betw. Eden Valley and Middle Eel Ferry, July 18, 1897. Mendocino Co.

No. 20,992. ~~Same~~ Eriogonum nudum var. oblongifolium Calistoga, Sept. 23, 1893.

No. 20,993. ~~Same~~ Eriogonum nudum var. nudum Scott Valley, Lake Co., July 14, 1897.

No. 20,994. Same Johnson, Monterey Co., June, 1901. See vol. 7, p. 47, ante.



No. 20,995. Draperia systyla Torr. Shasta Springs, Siskiyou Co., 9 Aug., 1894.

No. 20,996. Same. Yosemite, July 7-12, 1896.

No. 20,997. Romanzoffia sitchensis Borg. Mt. Tamalpais, foot of Ross Valley trail, March 23, 1896. R. californica Greene, not

No. 20,998. Emmenanthe penduliflora Bth. July 3, 1896. Colleville.

No. 20,999. Same. Below Collins Camp, Vaca Mts., 20 June, 1892.

No. 21,000. Same. Between Lower Lake and Kelseyville, July 30, 1892.

No. 21,001. Lemmonia californica Gray. Mt. Konocti (near), July 30, 1892.

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No. 21,002. Nama hobbii Gray.
Mt. Shasta. Aug. 4, 1894.
(Half-way up, from base to Horse camp.)

No. 21,003. Encrypta chrysanthemifolia Greene. Ellisia chrysanthemifolia Bth. Fish ranch road, Contra Costa Co., June 9, 1891.

No. 21,004. Same. Riverside. See page 158a, vol. 6 for date and loc.

No. 21,005. Eriodictyon californicum Greene. Collins Camp, Vaca Mts., June 12, 1893.

No. 21,006. Same. Walden Cañon, Vaca Mts, June 1, 1891.

No. 21,007. Hydrophyllum occidentale Gray.
Cold Creek near Greasewood Hills, w. Tehama Co. Apr. 27, 1899

No. 21,008. Same. Betw. Hazel Green and Yosemite. July 6, 1896.



No. 21,009. Phacelia breweri Gray.
Mt. Diablo, May 24, 1891.

No. 21,010. Phacelia ciliata Bth.
Willows, May 1, 1899.

No. 21,011. Same. Same loc. & date.

No. 21,012. Same. Collinsville, s. Solano Co., May 13, 1892.

No. 21,013. Phacelia hispida Gray. Plains of San Joaquin Co. between Mossdale School and Atlanta, June 27, 1896. = P. distans Bth. acc. R.F. H.

No. 21,014. Phacelia distans Bth. Ross Valley, Marin Co., June 2, 1896.

No. 21,015. Same. Wimmeshaw, w. Tehama Co., foothills below Fort Head, near Cold Fork, Apr. 27, 1899. The spelling is Wimmeshaw.

No. 21,016. Same. Caux's Cabin, in mts. w. of St. Helena, Apr. 25, 1893.

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No. 21,017. Navarretia atractyloides H.&A. Monterey, Aug. 10, 1896.

No. 21,018. Same. Santa Cruz Mts. on grade between Gilroy and Coralitos, June 16, 1896, w. of Gilroy.

No. 21,019. Phacelia divaricata Gray. Las Trampas Ridge, Contra Costa Co., Apr. 19, 1899.

No. 21,020. Same. May 2, 1893. Calistoga (e. of, on Pope Valley grade).

No. 21,021. Same. June 9, 1891. Fish Ranch, Contra Costa Co., e. side of Oakland Hills.

No. 21,022. Same. Mt. Tamalpais, Marin Co., 5 Apr., 1892.

No. 21,023. Same. Same loc. and date.



No. 21,024. Phacelia dociana Jepson + Hoover. Vernal Falls, Yosemite, July 7-12, 1896.

No. 21,025. Monolopia Salt Creek, tributary of Cottonwood Creek, w. Tehama Co., Apr. 27, 1899.

No. 21,026. Monolopia Coyote Creek road etc., Santa Clara Co., June 9, 1896.

No. 21,027. Monolopia Little Oak, Vacaville, in 1892.

No. 21,028. Phacelia hydrophylloides Torr. Summit sta., Nevada Co., 7000 ft., July, 1898.

No. 21,029. Phacelia marcescens Easton. Bear Valley, Nevada Co., July, 1898. 4500 ft.

No. 21,030. Phacelia suaveolens Greene. Mt. Tamalpais, June 11, 1891.

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No. 21,031. Phacelia tanacetifolia Bth. Vanden sta., Solano Co., March 16, 1896. = P. distans Bth. acc. R. F. Hoover.

No. 21,032. Same. Butte Pass, Marysville Buttes, Apr. 20, 1891. Sutter Co.

No. 21,033. Same ( as no. 21,034. Summit sta., Nevada Co., July, 1898. 7000 ft.

No. 21,034. Phacelia ramosissima Dougl. Mt. Konocti, Lake Co., July 30, 1892.

No. 21,035. Same. Gravelly Valley, n. Lake Co. (South Eel River), Aug. 4, 1939.

No. 21,036. Phacelia nemoralis Greene. Eva sta., e. slope Santa Cruz Mts., June 23, 1896.

No. 21,037. Same. Berkeley Hills, June 7, 1897.



No. 21,038. Phacelia nemoralis Greene. Seedlings that come over the summer from last spring, Oct. 14, 1898. Berkley Hills (Strawberry Cañon).

No. 21,039. Same. Same loc., date.

No. 21,040. Phacelia frigida Greene. Horse Camp, Mt. Shasta, Aug. 4, 1894.

No. 21,041. Same. South Yallo Bally, July 25, 1897. nr. Mendocino Co. No! = nr. Trinity Co.!!

No. 21,042. Same. Mt. Shasta, snow line, Aug. 4, 1894.

No. 21,043. Phacelia californica Cham. Potrero Hills, Richmond, March 19, 1892.

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No. 21,044. Phacelia californica Cham. Berkeley Hills, between Gum Grove Reservoir and Wildcat Creek, May 31, 1896.

No. 21,045. Phacelia californica Cham. Mt. Tamalpais, Sept. 9, 1892. = P. magellanica Cov. var. californica (C. + S.) Jepson & Hoover.

No. 21,046. Same. Mt. Tamalpais, Apr. 10, 1897.

No. 21,047. Phacelia imbricata Greene. Coyote Creek, near Santa Clara Co. June 9, 1896.

↑ Coyote sta., = P. magellanica Cov. var. calycosa (Gray) Greene.

No. 21,048. Same. Conn Valley grade, e. of St. Helena. Apr. 24, 1893.

No. 21,049. Same. St. Helena (E. of), May 2, 1897.

No. 21,050. Same. Dutton Cañon, Vaca mts., May 17, 1892



(Phacelia magellanica Cov. var. calycosa (Gray) Jepson.)

No. 21,051. Phacelia imbricata Greene. Vaca mts., above Collins Camp, June 12, 1893.

No. 21,052. Same. Pallejo Hills, w. of Vanden, Solano Co., June 8, 1893.

No. 21,053. Same. Miller Cañon, Vaca Mts., May 23, 1897.

No. 21,054. Same. Eva sta., Santa Cruz mts., Santa Clara Co., June 23, 1896.

No. 21,055. Same. June 27, 1896. Between Mossdale and Atlanta, San Joaquin Co., plains.

No. 21,056. Same. Apr. 26, 1899. Crane Creek, w. Tehama Co. ↑ Stivers ranch,

No. 21,057. Monolopia major Montezuma Hills, May 14, 1892; Solano Co.

No. 21,058. Phacelia virgata Greene. Sisson, Siskiyou Co., July, 1894.

No. 21,059. Phacelia virgata Greene. Bowers Cave, above Coulterville, July 3, 1896.

No. 21,060. Phacelia virgata Greene. = P. magellanica Cov. var heterophylla (Pursh) Jepson. Between Hazel Green and Big Meadows., July 5, 1896.

No. 21,061. Phacelia frigida Greene. South Yallo Bally, July 25, 1897.

No. 21,062. Phacelia heterophylla Pursh. Summit sta., Nevada Co., July, 1898. = P. frigida Greene.

No. 21,063. Phacelia californica Cham. var. rubacea Jepson, var. n. Mt. Konocti (Uncle Sam mt., Lake Co.), July 30, 1892.



No. 21,064. Phacelia leucophylla Torr. Tennessee Pass, Rocky mts., Colorado, Aug. 30, 1896.

No. 21,065. Phacelia distans Bth. Monterey, Aug. 8, 1896.

No. 21,066. Dicentra chrysantha H.&A. Gwin Mine, Calaveras Co., Oct. 8, 1902.

No. 21,067. Gilia leptalea (Gray) ssp. leptalea Greene. Royal Arches, Yosemite. July 7-12, 1896.

No. 21,068. Phacelia grisseophylla (Brand) Jepson. Bear Valley, Nevada Co., July 20, 1898.

No. 21,069. Phacelia imbricata Greene, but with the infl. of P. virgata Greene, and calyces. But see no. 21,052, collected in same rock pile, same colony, at same time, June 8, 1893.

No. 21,070. Gilia multicaulis Bth. Cottonwood Creek, w. Tehama Co., Apr., 1899. Cont. p. 51.

No. 21,071. Lithospermum rudere Dougl. Salt Lake City, Utah, Aug. 28, 1896.

No. 21,072. Lithospermum californicum Gray. Sisson, July, '94.

No. 21,073. Cynoglossum grande Dougl. Gates Cañon, Vaca Mts., March 25, 1892.

No. 21,074. Cynoglossum occidentale Gray. Nels Camp, Mt. Shasta. Aug. 4, ~~1439~~ 1894. Sisk. You Co.

No. 21,075. Same. Sisson, July, 1894.

No. 21,076. Coldenia nuttallii Hook. Reno, Nev., Aug. 25, 1896.



No. 21,077. Amsinckia intermedia F. & M. La Loma, near Yountville, Napa Valley, Apr. 26, 1893.

No. 21,078. Same. St. Helena. 1893.

No. 21,079. Same. St. Helena. June 2, 1896.

No. 21,080. Amsinckia intermedia F. & M. Same. Gorge north of Wooden Valley grade, Apr. 28, '93, west slope Napa Range, n. of Mt. Gorge.

No. 21,081. Same. Arguin's Mdws., Howell Mtn., Napa Range, May 8, 1893.

No. 21,082. Same. Vacaville, March 26, 1892.

No. 21,083. Amsinckia intermedia F. & M. Near Yuba City, Sutter Co., Apr. 20, 1891. Called "Buckhorn" locally.

No. 21,084. Amsinckia glomerata Suksd. June 27, 1896. Betw. Mossdale School and Atlanta, San Joaquin Co. plains.

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No. 21,085. Amsinckia intermedia F. & M. Oakville, Napa Valley, Apr. 26, 1893.

No. 21,086. Amsinckia intermedia F. & M. Little Oak, Vacaville, Mar. 16, 1896.

No. 21,087. Lappula floribunda Greene. Summit sta., Nevada Co., July, 1898. 7000 ft. = Var. jessicae Jepson

No. 21,088. Lappula = Hackelia bella Mcbr. Soldier Ridge near South Yallo Balley, se. Trinity Co., July 24, 1897.

No. 21,089. Plagiobothrys Little Oak ranch, Vacaville, May, 1885.

No. 21,090. Pectocarya penicillata A.DC. Bed of brane creek, Stivers ranch, w. Tehama Co., 26 Apr., 1899.

No. 21,091. Pectocarya pusilla Gray. Hills near St. Helena, Mar. 13, 1893.



No. 21,092. Nemacladus Coulterville, Mariposa Co., July 3, 1896.

No. 21,093. Nemacladus Mt. Konocti, July 30, 1892.

No. 21,094. Nemacladus Oakdale, Stanislaus Co., June 30, 1896.

No. 21,095. Cryptantha intermedia (gray) Greene Hill by the stone bridge over Napa River, east of St. Helena, June 2, 1896.

No. 21,096. Cryptantha St. Helena, May 2, 1897.

No. 21,097. Cryptantha intermedia Greene. Stivers ranch, Crane Creek, w. Tehama Co., Cal. 25 Apr., 1899.

No. 21,098. Cryptantha muricata (Nels. & Mcbr.) Var. Jonesii Blue Lakes, Lake Co., July 16, 1897.

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No. 21,099. Gilia aggregata Spr. Pinnacle of South Yallo Bally, July 25, 1897.

No. 21,100. Same. Sisson, July, 1894.

No. 21,101. Rhamnus californica var. ralphianus Jepson. Whipstock flat, Tulare Co., May 24, 1907.

No. 21,102. Collomia linearis Nutt. Summit sta., Nevada Co. July, 1898. 7000 ft.

No. 21,103. Navarretia squarrosa = N. cotulaefolia Easter. Teste V. Bailey. Between Oakdale and La Grange, Stanislaus Co., July 1, 1896.

No. 21,104. Same. Dutton Cañon, Vaca Mtn., May 17, 1892.

No. 21,105. Navarretia divaricata Greene. Darrington, Aug. 17, 1923. See vol. 40, p. 98.



No. 21,106. Collomia grandiflora Dougl. Bear Valley, Nevada Co., July 20, 1898.

No. 21,107. Lonicera

For locality and date see vol. 8, p. 136.

No. 21,108. Lomatium

For locality and date see vol. 60, p. 291 at bottom.

No. 21,109. Cordylanthus pilosus Gray var. brunneus Jepson. Mt. St. Helena. July 19, 1894.

No. 21,110. Orthocarpus Pacific Grove, Aug. 8, 1896.

No. 21,111. Adenostegia vagans var. rimarum Jepson. Morrison Cañon, Niles, June 20, '97.

No. 21,112. Collinsia parviflora Dougl. var. collina Jepson. Penn Valley, Nevada Co., Apr. 16, 1892.

No. 21,113. Castilleia spiralis Jepson. Butts Cañon, n. Napa County, July 13, 1897.

No. 21,114. Cryptantha rostellata Greene. Stivers ranch, Crane Creek, w. Tehama Co., Apr. 25, 1899.

No. 21,115. Cryptantha flaccida (Dougl.) Greene. Mt. Diablo, May 22-23, 1891.

No. 21,116. Same. Between Hazel Green and Yosemite, July 6-7, 1896.

No. 21,117. Same. Yosemite Valley. July 6-12, 1896.



No. 21,118. Cryptantha flaccida Greene. Coyote Creek sta., Santa Clara County, June 9, 1896.

No. 21,119. Same. Between South Eel River and Middle Eel River on Mt. Sanhedrin grade, July 18, 1897. Mendocino Co.

No. 21,120. Same. Livermore Valley, May 16-17, 1891.

No. 21,121. Same. Stivers ranch, Crane Creek, w. Tehama Co., Apr. 25, 1899.

No. 21,122. Cryptantha torreyana Greene. Eden Valley, e. Mendocino Co., July 18, 1897.

No. 21,123. Cryptantha microstachys Greene. Soquel Cañon, Santa Cruz Mts., June 20, 1896.

No. 21,124. Same. Dutton Cañon, n. fork, May 17, 1892. Vaca Mts.

No. 21,125. Cryptantha micromeres Greene. Soquel Cañon, Santa Cruz Mts., June 20, 1896.

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No. 21,126, Cryptantha ambigua (Gray) Greene. South Yolo
July 24, 1896.
On grade between Yosemite and Hazel Green. = C. simulans Greene.

No. 21,127. Cryptantha simulans Greene. On grade between Hazel Green and Yosemite. July 13, 1896.

No. 21,128. Cryptantha muricata Nels. & McBr. var. Jonesii Mt. Tamalpais, June 11, 1893.

No. 21,129. Cryptantha*
Presidio, San Francisco, May 20, 1891.

No. 21,130. Nemophila parviflora Dougl. Soquel Creek, Santa Cruz Mts., June 20, 1896.

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* C. leiocarpa Greene.



No. 21,131. Cryptantha torreyana (Gray) Greene. Sisson, Siskiyou Co., July, 1894.

No. 21,132. Same.
Dog Valley, e. Nevada Co.
Aug. 26, 1896.

No. 21,133. Same
Bear Valley, Nevada Co., July 20, 1898.

No. 21,134. Same.
South Yolo Bolly, July 24, 1897.

No. 21,135. Cryptantha affinis (Gray) Greene. Bear Valley, Nevada Co., July 20, 1898.

No. 21,136. Cryptantha flaccida Greene.
Marysville Buttes. Apr. 20, 1891.

No. 21,136a Cryptantha flaccida (Dougl.) Greene. Blue Lakes, Lake Co. July 16, 1897 (No. changed, M. Ariano, 1972)

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No. 21,137. Cryptantha flaccida (Dougl.) Greene. Lower Pleasants Valley, May 2-6, 1891. Solano Co.

No. 21,138. Cryptantha torreyana Eden Valley, e. Mendocino Co., July 18, 1897.

No. 21,139. Plagiobothrys campestris Bth. Butte Pass, Marysville Buttes, Apr. 20, 1891

No. 21,140. Same. Red Bluffs, Apr. 30, 1899.

No. 21,141. Same. Salt Creek, Rosewood, Tehama Co., Apr. 25, 1890.

No. 21,142. Same. English Hills, nw. Solano Co., May 2-6, 1891.

No. 21,143. Same. Livermore Valley, May 16-17, 1891. Alameda Co.

No. 21,144. Same. South Peak, Marysville Buttes. Apr. 20, 1891 Sutter Co.



No. 21,145. Plagiobothrys fulvus Jtn. var. campestris Jtn. Putah Creek Bluffs, 5 Jtn. west of Winters, Apr., 1890.

No. 21,146. Same. Little Oak, Vacaville, Apr. 1890.

No. 21,147. Vacaville. Apr. '90. Plagiobothrys fulvus Jtn. var. campestris Jtn.

No. 21,148. Plagiobothrys tenellus Gray. St. Helena, May 2, 1897.

No. 21,149. Same. Rosewood, Tehama Co., Apr. 25, 1899.

No. 21,150. Plagiobothrys nothofulvus Gray. Trail to signal station (Mt. Vaca), Vaca Mts., via Dutton Cañon, Mar. 11, 1890. (Dutton Cañon, - also called Walker Cañon)

No. 21,151. Same. Berkeley. Apr. 22, 1887. (Cañon above Deaf and Blind Institute.)

No. 21,152. Plagiobothrys nothofulvus Gray. Salt Creek, tributary Cottonwood Creek, w. Tehama County, Apr. 27, 1899.

No. 21,153. Same. Pine Peak summit, Vaca Mts., May 17, 1892.

No. 21,154. Same. Vineland sta., near Rutherford, Napa Co., Apr. 26, 1893.

No. 21,155. Same. Moraga Valley, Contra Costa Co., Apr. 12, 1887.

No. 21,156. Same. St. Helena, March 13, 1893.

No. 21,157. Same. Penn Valley, w. Nevada Co., Apr. 16, 1892.

No. 21,158. Same. St. Helena. May 2, 1897.

No. 21,159. Plagiobothrys tenellus Gray. Plateau n. of Mt. George, Napa Range, Apr. 28, 1893.



No. 21,160. Plagiobothrys nothofulvus Gray. Vacaville, May 16, 1885.

No. 21,161. Same. Vacaville, 1885.

No. 21,162. Same. Rutherford, Napa Valley, Apr. 26, 1893.

No. 21,163. Allocarya penicillata K.B. = A. hispidula
Dog Valley, eastern Nevada Co., Aug. 26, 1896. = A. hispidula Greene.

No. 21,164. A. cusickii
Allocarya californica Greene. St. Helena (hills e.) to Conn Valley. Apr. 24, 1893.

No. 21,165. Same. Red Bluff. Apr. 30, 1899. = A. cusickii Greene var. vallicola Jepson
= Allocarya vallicola Jepson

No. 21,166. Allocarya hispidula Greene. South Yolla Bolly, sz. Trinity Co., July 14, 1897.

No. 21,167. A. cusickii
Allocarya californica Greene. Cauxs Knob, sw. of St. Helena. Apr. 25, 1893.

Cusickii Greene var. Allocarya vallicola Jepson.

No. 21,168. Allocarya californica Greene. Rutherford, Napa Valley, Apr. 26, 1894.

No. 21, 169. Same. Vacaville. ↑ Little Oak, se. of May 19, 1896.

No. 21, 170. Same. Calistoga. 2 May 1897.

No. 21, 171. Same. Howell Mt., Napa Range, June 26, 1893.

No. 21,172. Same. Allocarya cusickii Mt. Hanna, Lake Co., Cal. July 15, 1897.

No. 21, 173. Same. Vacaville. ↑ Little Oak, se. of May 15, 1896.

No. 21,174. Allocarya echinoglochin Greene. Red Bluff. Apr. 30, 1899. = A. greenei (Gray) Greene.

No. 21,175. Allocarya acanthocarpa Piper. Montezuma Hills, Solano Co., May 14, 1892.



No. 21,176. Allocarya hystricula Piper. Montezuma Hills, Solano Co., May 14, 1892.

No. 21,177. Allocarya stipitata Greene. var. micrantha Mebr. Madrone, Santa Clara Valley, June 9, 1896.

No. 21,178. Same. Little Oak, Vacaville. May 15, 1896.

No. 21,179. Same, i.e., Allocarya stipitata greene. Sutter Plains near Marysville Buttes, Apr. 20, 1891.

No. 21,180. Same. Yuba City, Sutter Co. April 19, 1891.

No. 21, 181. Same, i.e. Allocarya stipitata Greene var. micrantha Mebr. ~~californica~~ Main Prairie, Solano Co., July 5, 1891.

No. 21, 182. Same, i.e. Allocarya stipitata greene. Willows, Glenn Co., May 1, 1899.

No. 21, 183. Allocarya stricta Greene. Calistoga, May 2, 1893.

No. 21, 184. Allocarya trachycarpa greene. Coyote Creek near Coyote sta., Santa Clara Valley, June 9, 1896.

No. 21,185. Allocarya stipitata Greene var. micrantha Mcbr. Vacaville, Mar. 20, 1901.

No. 21,186 Scirpus campestris = S. robustus Pursh.
Britton. Alvarado, w. Alameda Co. Sept. 9, 1897.

No. 21,187. Briza minor L.
Collected inadvertently or rather unconsciously with no. 15,242 and separated from it. Willow Spgs. sta., Amador Co., Apr. 29, 1929.

No. 21,188. Allocarya stipitata Greene. Vacaville, May 3, 1885. (on Little Oak ranch, ne. corner).

No. 21,189. Allocarya stipitata var. micrantha (Greene). Vacaville, Apr. 1, 1885.

No. 21,190. Allocarya stipitata Greene. Vacaville, March 29, 1885.

No. 21,191. Allocarya ~~californica~~ cusickii Greene. Black Bridge, Alamo Creek, near Vacaville, Cal., March 29, 1885.



No. 21,192. Allocarya Greenei Greene. Vacaville, May 16, 1885.

No. 21,193. Downingia concolor Greene. near Denverton, Solano Co., May 30, 1891.

No. 21,194. Downingia ornatissima Greene. Near Elmira, May 30, 1891. Solano Co.

No. 21,195. Downingia tricolor Greene. Napa City (-sw. of), Apr. 27, 1893.

No. 21,196. Downingia Main Prairie, Apr. 12, 1885. Solano Co.

No. 21,197. Downingia Vanden sta., Solano Co., Apr. 18, 1885.

No. 21,198. Downingia Main Prairie, Solano Co., Apr. 12, 1885.

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No. 21,199. Downingia
Vanden, Solano Co., Apr. 18, 1885.

No. 21,200. Downingia
Vacaville (at Little Oak),
May 17, 1884.

No. 21,201. Downingia
Little Oak, Vacaville, in 1890.

No. 21,202. Downingia
Little Oak, Vacaville, Solano Co., in 1890.

No. 21,203. Downingia concolor
Greene. Denverton, 3 mi. s.,
Solano Co., May 14, 1892.

No. 21,204. Downingia
Madrone, Santa Clara Valley,
June 9, 1896.

No. 21,205. Downingia
Little Oak, near, Vacaville, Apr.
20, 1890.



No. 21,206. Downingia elegans Torr.
~~Greene~~. Willows, Glenn Co., May
1, 1899.

No. 21,207. Downingia elegans
Torr. Near Castle Peak, nr.
Mendocino Co., July 23, 1897.

No. 21,208. Downingia ornatissima
Greene. Near Elmira, Solano Co.,
May 30, 1891.

No. 21,209. Downingia pulchella
Torr. Alvarado, w. Alameda Co.,
June 7, 1896.

No. 21,210. Downingia pulchella
~~Torr~~. Near the Bolsa de San
Felipe, betw. Gilroy and Hollister
June 19, 1896.

No. 21,211. Downingia pulchella
Torr. Little Oak near Vacaville,
May 2-6, 1891.

No. 21,212 Downingia pulchella Torr. Mt. Diablo, May 23-24, 1891.

No. 21,213. Wyethia Seed. Willow Creek, Plumas Co. See vol. 59, p. 58.

No. 21,214. Pectocarya penicillata A. DC. Gravelly stream banks west of Calistoga. May 1, 1893.

No. 21,215. Allocarya salina Jepson. Alvarado, June 7, 1896.

No. 21,216. Nemophila menziesii H. & A. Vacaville, Little Oak ranch. 1885.

No. 21,217. Scirpus tatora S. californicus Alvarado, Alameda Co., Sept. 9, 1897.

No. 21,218. Scirpus microcarpus Presl. Howell Mt., Napa Co. June 26, 1893.



No. 21,219. Scirpus robustus Pursh. Napa, Nov. 7, 1894. = S. campestris Br.

No. 21,220. Scirpus robustus Pursh. = S. campestris Britton. Suisun Marshes, Oct. 1891.

No. 21,221. Collomia tinctoria Kell. Dog Valley, e. Nevada Co., Aug. 26, 1896.

No. 21,222. Navarretia fubrescens H. & A. Putah Ford, near Pleasants Valley, July 27, 1892, foot of Hypocrite Cañon.

No. 21,223. Collomia tinctoria Kell. Dog Valley, Nevada Co., Aug. 26, 1896.

No. 21,224. Pectocarya penicillata A. DC. Calistoga, gravelly stream banks west. May 1, 1893.

No. 21,225. Scutellaria antirrhinoides Bth. Sisson. Aug., 1894.

No. 21,226. Verbena ~~prostrata~~ lasiostachys Link R. Br. Between Sims and Sisson, upper Sacramento River. Aug., 1894.

No. 21,227. Verbena ~~prostrata~~ lasiostachys Link var. septentrionalis Moldenke R. Br. Mt. Konocti. July 30, 1892. Lake Co.

No. 21,228. Verbena ~~bracteosa~~ bracteata Lag. & Rodr. ~~Michx.~~ Salt Lake City, Utah, 28 Aug., 1896.

No. 21,229. Verbena hastata L. Grand Isl., lower Sacramento River, 17 Sept., 1891.

No. 21,230. Verbena robusta (Greene) R. Br. Tiburon, Marin Co., July 20, 1891.



No. 21,231. Nepeta cataria L. Scott Valley, Lake Co., 1892.

No. 21,232. Stachys ~~rivularis~~ rigida ssp. Hel. Sisson, Siskiyou Co., July, 1894.

No. 21,233. Lippia nodiflora Var. Michx. rosea (D. Don) Moldenke Mossdale School, San Joaquin Co., lower San Joaquin River, June 27, 1896.

No. 21,234. Lippia nodiflora var. rosea (D. Don) Moldenke ~~Michx.~~ Old River, near Walnut Grove, Sacramento Co., Oct. 5, 1893.

No. 21,235. Lippia nodiflora var. rosea (D. Don) Moldenke ~~Michx.~~ Hass Slough near Barhart Landing, Solano Co., 5 July, 1891.

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No. 21,236. Lippia nodiflora var. Michx. Rosea (D. Don) Moldenke
Andrus Island, lower Sacramento River, Oct. 5, 1893.

No. 21,237. Lippia nodiflora Michx. Main Prairie, Solano Co., July 5, 1891.

No. 21,238. Lippia lanceolata (Michx.) Greene Grand Island, lower Sacramento River, Sept. 17, 1891. (Sacramento Co.)

No. 21,239. Lippia lanceolata (Michx.) Greene Andrus Isl. Sacramento Co., Oct. 5, 1893.

No. 21,240a Lippia nodiflora var. rosea (D. Don) Moldenke

No. 21,240b. Lippia lanceolata (Michx.) Greene Grand Island, Sacramento Co., Sept. 17, 1891.



No. 21,241. Gilia leptalea Greene. ssp leptalea
Bear Valley, Nevada Co., July 20, 1898.

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— Cont. from p. 5. no. 20,920. Linanthus pygmaeus (Brand) J. T. Howell; not L. bolanderi Greene.

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No. 21,242. Linanthus liniflorus Greene var. vallicola Jepson.
Willows, 1 May, 1899.

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1 Cont. from p. 26. no. 21,070. This number is not now found, Nov. 11, '41, and I suspect some error. This locality is in the very low foothills, inner north Coast Range. However, northward, in inner North Coast Range, that is in Vaca Mts., the var pedunculoris is found.
J. no. 15,068. — Nov. 11, 1941.

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No. 21, 243. Scutellaria tuberosa Bth. Alameda. May 10, 1891.

No. 21, 244. Nicotiana attenuata Torr. Reno, Nev. Aug. 25-26, 1896.

No. 21, 245.* Nicotiana attenuata Torr. St. Helena, Nov. 5, 1894.

No. 21, 246. Nicotiana bigelovii Wats. Vacaville, Oct. 15, 1864.

No. 21, 247. Nicotiana bigelovii Wats. White Sulphur Spgs., Napa Valley, Nov. 26-27, 1895.

No. 21, 248. Nicotiana bigelovii Wats. Napa River bed above St. Helena, Nov. 5, 1894.

No. 21, 249. Nicotiana bigelovii Wats. Mt. Hanna, Lake Co., July 15, 1897.

No. 21, 250. Nicotiana glauca Graham. Watts Creek, Vacaville, Sept. 22, 1887.

* This number = Nicotiana acuminata Hook.



No. 21, 251. Solanum nigrum L. Andrus Isl., lower Sacramento River, Oct. 5, 1893. Sacramento Co.

No. 21, 252. Solanum nigrum L. Presidio, San Francisco, Oct., 1894.

No. 21, 253. Solanum nigrum L. Alamo Creek, Solano Co., Sept., 1891.

No. 21, 254. Solanum nigrum L. Berkeley, aug. 1894.

No. 21, 255. Solanum nigrum L. Berkeley, aug. 1891.

No. 21, 256. Solanum douglasii Dunal. Riverside, June 1, 1901.

No. 21, 257. Solanum umbelliferum Esch. Inverness, Marin Co., Feb. 13-18, 1900. = S. xanti Gray var. intermedium Parish.

No. 21, 258. Solanum umbelliferum Esch. Berkeley, apr. 14, 1891.

No. 21, 259. Solanum xantii Gray var. glabrescens Parish, South Peak, Marysville Buttes, apr. 20, 1891. = var. spencerae Mchr.

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No. 21,260. Solanum xanti Gray, var. glabrescens Parish. Bear Peat, Middle Eel River, July 25, 1897. (Betw. Castle Peak and)

No. 21,261. Solanum xanti Gray var. glabrescens Parish. Zem Zem, mt. Napa Co., July 28, 1892. W.L. Jepson.

No. 21,262. Solanum xanti Gray, acc. Parish. Miller Cañon, Vaca Mts., May 23, 1897. = var. intermedium Parish, acc. Jepson.

No. 21,263. Datura meteloides DC. Lagoon Creek, Lagoon Valley, Solano Co., Sept., 1891.

No. 21,264. Datura meteloides DC. La Grange, Stanislaus Co., July 2, 1896.

No. 21,265. Datura stramonium L. Elk Mt., n. Lake Co., Aug. 2, 1892.



No. 21,266. Verbascum blattaria L. Upper Lake, Lake Co., Aug., 1892.

No. 21,267. Corallorhiza maculata Raf. Tollhouse, Mt. St. Helena, July 19, 1894. [1]

No. 21,268. Corallorhiza maculata Raf. Bear Valley, Nevada Co., July, 1898.

No. 21,269. Corallorhiza maculata Raf. Sisson, Siskiyou Co., July, 1894.

No. 21,270. Corallorhiza maculata Raf. Castle Peak, e. Mendocino Co., July 26, 1897.

No. 21,271. Epipactis gigantea Dougl. Yosemite Valley, July 7-12, 1896.

No. 21,272. Habenaria elegans Bol. Calistoga, July 19, 1894.

No. 21,273. Habenaria elegans Bol. Twin Mile, Elk Mt., Lake Co.,

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No. 21,274. Habenaria dilatata var. leucostachys Wats. Mt. Shasta. Aug. 4, 1894.

No. 21,275. Habenaria dilatata var. leucostachys Wats. Mt. Shasta, Aug. 4, 1894.

No. 21,276. Habenaria ~~dilatata var. leucostachys~~ ~~michaeli~~ elegans Greene. Mill Valley, Marin Co., June 19, 1891.

* No. 21,277. Habenaria ~~michaeli~~ elegans Greene. Hills o. of Livermore, May 16, 1891.

No. 21,278. Habenaria elegans Bol. An intergrade to H. michaeli Greene. Sisson, July, 1894.

No. 21,279. Habenaria elegans Bol. Intergrade to H. michaeli Greene. Shasta Sprs., Siskiyou Co., Aug. 9, 1894.

No. 21,280. Habenaria unalaschensis Wats. Mt. Shasta, half-way from Sisson to Horse Camp. Aug. 4, 1894.

* ~~No.~~ 21,276a. Habenaria dilatata var. leucostachys. Shasta Sprs., Siskiyou Co. Aug. 9, 1894



No. 21,281. Listera convallarioides Torr. Sisson, July, 1894.

No. 21,282. ~~Aeranium mongolicum~~ Goodyera oblongifolia (Lindl.) Morong. Shasta Sprs., Siskiyou Co., Aug. 9, 1894.

No. 21,283. Spiranthes ~~romanzoffiana~~ porrifolia Cham. Near Tunis Mill, Elk Mt., Lake Co. Aug. 2, 1892.

No. 21,284. Spiranthes ~~romanzoffiana~~ porrifolia Cham. Bear Valley, Nevada Co., July 21, 1898.

No. 21,285. Spiranthes romanzoviana Cham. Sisson, Siskiyou Co., July, 1894.

No. 21,286. Habenaria elegans Bol. var. elata Jepson. Vaca Mts. in Gates Cañon, June 20, 1892.

No. 21,287. Pedicularis densiflora Benth. Las Trampas Ridge, Contra Costa Co. Apr. 19, 1899.

No. 21,288. Pedicularis densiflora Benth. Mill Valley, Marin Co., Mar. 29, 1891.

No. 21,289. Scrophularia californica C. & S. English Hills, northerly from Vacaville, on trip to Dunn's Peak, May 10, 1884.

No. 21,290. Scrophularia californica C. & S. Pellejo Hills, nw. Solano Co., June 8, 1893. = Var. floribunda Greene.

No. 21,291. Cupressus macnabiana Murr. Pope Creek, near Samuels Springs, July 12, 1897

No. 21,292. Cupressus pygmaea Sargent. Mendocino Pine Barrens, back of ~~Mendocino City~~ Ft Fort Bragg, July 31, 1897. (Botal specimen)

No. 21,293. Pinus murrayana Balf. Summit sta., Nevada Co., July, 1898. W.L. Jepson.

No. 21,294. Pinus contorta Dougl. Fort Bragg, July 31, 1897.

No. 21,295. Pinus contorta Dougl. Between De Haven and Fort Bragg, July 30, '97.



No. 21,296. Pinus murrayana Balfour. Tennessee Pass, Colorado, Aug. 30, 1896.

No. 21,297. Pentstemon centranthifolius Bth. Smith's Bluff, near Dunn's Peak, Vacaville, May 10, 1884.

No. 21,298. Antirrhinum virga Gray. Howle Mt., above Foland House, June 26, 1893. Napa Co.

No. 21,299. Antirrhinum virga Gray Mt. St. Helena, Sept. 23, 1943.

No. 21,300. Same, same loc. July 19, 1894.

No. 21,301. Antirrhinum virga Gray. Mt. Hanna, Lake Co., July 15, 1897.

No. 21,302. Antirrhinum virga Gray. Near Mt. Konocti, Lake Co.,

No. 21,303. Antirrhinum subcordatum Gray, Stivers ranch, Rosewood, Tehama Co., Apr. 25, 1899.

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No. 21,304. Antirrhinum vagans Gray. Weldon Cañon, Vaca Mts., Sept. 13, 1891.

No. 21,305. Antirrhinum vagans Gray. Blue Lakes, Lake Co., July 16, 1897.

No. 21,306. Antirrhinum vagans Gray. Mt. Tamalpais, Nov. 29, 1890. In fl!

No. 21,307. Antirrhinum vagans Gray. Calistoga, upper Napa Valley, July 19, 1894.

No. 21,308. Antirrhinum vagans Gray. Eva sta., Santa Cruz Mts., June 23, 1896.

No. 21,309. Antirrhinum vagans Gray. Weldon Cañon, Vaca Mts., Sept. 3, 1887.

No. 21,310. Antirrhinum vagans Gray. Mill Valley, Marin Co., July 19, 1891.



No. 21,311. Antirrhinum vagans Gray. Knoxville grade to Lower Lake, Lake Co., July 29, 1892.

No. 21,312. Antirrhinum vagans Gray. Napa Valley, July, 1892.

No. 21,313. Antirrhinum vagans Gray. Pellejo Hills, w. Solano Co., July 8, 1893.

No. 21,314. Antirrhinum vagans Gray. Hullville, n. Lake Co., Aug. 4, 1892.

No. 21,315. Antirrhinum vagans Gray. Sims sta., Shasta Co. Aug. 10, 1894.

No. 21,316. Antirrhinum vagans Gray. Gravelly Valley, n. Lake Co., Aug. 4, 1892.

No. 21,317. Gratiola obracteata Bth. Southwest of Napa City, Apr. 27, 1893.

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No. 21,318. Linaria canadensis Dum. var. texana Penl. Ross Valley, Apr. 5, 1892.

No. 21,319. Linaria canadensis Dum. var. texana Penl. May 10, 1891. Alameda.

No. 21,320. Veronica serpyllifolia L. South Yallo Bolly, sz. Trinity Co., July 24, 1897.

No. 21,321. Veronica americana Schw. Sisson, Siskiyou Co., July, 1894.

No. 21,322. Veronica americana Schw. Angwin Mdws., Howell Mt., Napa Range, June 26, 1893.

No. 21,323. Veronica peregrina L. Wrights sta., Santa Cruz Mts., June 23, 1896.

No. 21,324. Veronica peregrina L. var. xalapensis Pennell. Vacaville, Mar. 21, 1885.



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No. 21,325. Collinsia ~~bicolor~~ Bth. Butte Pass, Marysville Buttes, Apr. 20, 1891.

No. 21,326. Collinsia bicolor Bth. Berkeley, May 18, 1891.

No. 21,327. Collinsia bicolor Bth. Chandler Cañon, Snagnipa Hills, nw. Solano Co., May 2-6, 1891.

No. 21,328. Collinsia tinctoria Hartw. Angwins Mdws., Howell Mt., Napa Range, June 26, 1893.

No. 21,329. Collinsia tinctoria Hartw. Snowdon ranch, 3 mi. below Calaveras Grove, Aug. 7, 1890.

No. 21,330. Collinsia sparsiflora F. & M. Yountville, Napa Valley. Apr. 26, 1893.

No. 21,331. Collinsia sparsiflora F. & M. Aragnipa Hills (base of), near Vacaville, in 1890. Chinns Bluff.

No. 21, 332. Collinsia sparsiflora F. & M. Plateau near Trauchos Gorge, north of mt. George, Napa Range, Apr. 28, 1893.

No. 21,333. Collinsia sparsiflora F. & M. Hills east of Saint Helena, Apr. 24, 1893.

No. 21,334. Collinsia sparsiflora F. & M. Yountville, Napa Co., Apr. 26, 1893.

No. 21,335. Collinsia Torreyi Gray. South Yolo Bolly, sz. Trinity Co., Inner North Coast Range.

No. 21,336. Collinsia torreyi Gray. Castle Peak, nr. Mendocino Co., above Middle Eel River, July 23, 1897.

No. 21,337. Cordylanthus pilosus Gray. Moraga Valley, low hills. Oct. 1, 1894.



No. 21,338. Cordylanthus pilosus Gray. Near Calistoga, Sept. 23, 1893.

No. 21,339. Cordylanthus pilosus Gray. Mt. Tamalpais, Sept. 9, 1892.

No. 21,340. Cordylanthus pilosus Gray. Petrified Forest, e. Sonoma Co., Aug. 30, 1895.

No. 21,341. Cordylanthus pilosus Gray. Petrified Forest, e. Sonoma Co., Aug. 30, 1895.

No. 21,342. Cordylanthus pilosus Gray. Weldon Cañon, Vaca Mts., Sept. 3, 1887.

No. 21,343. Cordylanthus pilosus Gray. Weldon Cañon, Sept. 13, 1891. Vaca Mts.

No. 21,344. Cordylanthus pilosus Gray. Hillsides near Rices Fork, South Fork Eel River, n. Lake Co., (This is "Rice Creek" on Mendocino Forest Map.)

No. 21,345. Cordylanthus tenuis Gray. Black Butte, w. side of Mt. Shasta, July, 1894.

No. 21,346. Cordylanthus pilosus Gray. Rebecca Ranch grade, sw. of Calistoga, Oct. 14, 1894.

No. 21,347. Cordylanthus pilosus Gray. Howell Mtn., Napa Range, Jan. 4, 1898.

No. 21,348. Cordylanthus pilosus Gray var. brunneus Jepson. Mt. St. Helena, 1893. Sept. 23.

No. 21,349. Cordylanthus maritimus Nutt. Tiburon, Marin Co., July 20, 1891.

No. 21,350. Cordylanthus mollis Gray. Suisun Marshes, Aug. 16, 1892.

No. 21,351. Diplacus aurantiacus Curt. Pacific Grove, Aug. 8, 1896.



No. 21,352. Castilleia*
South Yallo Bolly, se. Trinity Co. July 24, 1897. 7200 ft.

No. 21,353. Castilleia miniata Dougl. Middle Eel River, foot of Soldier Ridge, se. Trinity Co., July 26, 1897.

No. 21,354. Castilleia miniata Dougl. Bear Valley, near Emigrant Gap, Nevada Co., July 21, 1898.

No. 21,355. Castilleia miniata Dougl. With preceding, same date

No. 21,356. Castilleia
South Yallo Bolly, se. Trinity Co., July 24, 1897.

No. 21,357. Castilleia miniata Dougl. Summit sta., Nevada Co., July, 1898.

No. 21,358. Castilleia latifolia H. & A. Pacific Grove, Aug. 8, 1896.

* Orthocarpus arachnoidea Greenm.

No. 21,359. Castilleia douglasii H.+A. var. ?
Crane Creek, near Rosewood, Tehama Co., Apr. 25, 1899.

No. 21,360. Castilleia affinis H. & A.
North Berkeley Reservoir, Alameda Co. May 31, 1896.

No. 21,361. Castilleia foliolosa H. & A. Berkeley, April 11, 1896.

No. 21,362. Castilleia arachnoidea *
South Yallo Bolly, July 25, 1897; sz. Trinity Co. (= Solomon Peak on Forest Service Map, Mendocino Forest).

No. 21,363. Orthocarpus copelandii Eastw. Soldier Ridge, sz. Trinity Co., July 24, 1897.

No. 21,364. Castilleia parviflora Bong. var. douglasii.
Calistoga (sw. of on Rebecca Ranch grade), Apr. 30, 1897.

* Greenm. = Orthocarpus arach.



No. 21,365. Castilleia foliolosa H. + A. Miller Cañon, Vaca Mts., Apr. 5, 1885.

No. 21,366. Orthocarpus pilosus Watz. var. arachnoideus (Greenm.)
Horse Camp, Mt. Shasta, aug. 4, 1894.

No. 21,367. Orthocarpus pilosus Watz.
Summit sta., Nevada Co., July, 1898.

No. 21,367. Orthocarpus attenuatus Gray. Rutherford, Napa Valley, Apr. 26, 1893.

No. 21,368. Orthocarpus attenuatus Gray. Butte Pass, Marysville Buttes, Apr. 20, 1891.

No. 21,369. Orthocarpus attenuatus Gray. Montezuma Hills, sz. Solano Co., May 14, 1892.

No. 21,370. Orthocarpus erianthus Bth. Penn Valley, Nevada Co., Apr. 16, 1892.

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No. 21,371. Orthocarpus fanci-barbatus Gray. Calistoga, Napa Co., May 1, 1893.

No. 21,372. Orthocarpus fancibarbatus Gray. Napa. Apr. 27, 1893.

No. 21,373. Orthocarpus densiflorus Bth. South San Francisco, Apr. 4, 1891.

No. 21,374. Orthocarpus densiflorus Bth. Calistoga, May 1, 1893.

No. 21,375. Orthocarpus densiflorus Bth. [var. gracilis Keck. San Diego, Apr. 2, 1916.

These plants segregated from no. 6648.

(Dr. Keck did not do the actual segregation; he merely noted the collection no. 6648 as containing the species and the var. gracilis Keck.)



No. 21,376. Orthocarpus densiflorus Bth. Napa. Apr. 27, 1893.

No. 21,377. Orthocarpus erianthus Bth. Vacaville, 1892.

No. 21,378. Orthocarpus purpurascens Bth. Plateau north of Mt. George, Napa Range, Apr. 28, 1893.

No. 21,379. Orthocarpus purpurascens Bth. Rough and Ready, Apr. 13, 1892. Nevada Co.

No. 21,380. Orthocarpus purpurascens Bth. Butte Pass, Marysville Buttes, Apr. 20, 1891.

No. 21,381. Orthocarpus purpurascens Bth. San Bernardino Valley, May 15-23, 1913.

No. 21,382. Orthocarpus purpurascens Bth. Willows, Glenn Co., 1 May, 1899.

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No. 21,383. Orthocarpus purpurascens Bth. Wright's sta., near, Santa Cruz Mts., June 23, 1896.

No. 21,384. Delphinium recurvatum Greene. Montezuma School, Montezuma Hills, Solano Co., May 14, 1892.

No. 21,385. Delphinium recurvatum Greene. Dutton Cañon, Vaca Mts., May 17, 1892.

No. 21,386. Delphinium hesperium Gray. Little Oak, Vacaville, Solano Co., May 15, 1896.

No. 21,387. Delphinium recurvatum Greene. Wilows, Glenn Co., May 1, 1899.

No. 21,388. Delphinium recurvatum Greene. Vine ave., Vacaville, May 2-6, 1891.



No. 21,389. Delphinium recurvatum Greene. Wilows, Glenn Co., May 1, 1899.

No. 21,390. Delphinium hesperium Gray. Berkeley Hills, - in Wild Cat Creek. May 31, 1896.

No. 21,391. Delphinium hesperium Gray. Forest Grove, = Eva sta., Santa Cruz Mts., June 23, 1896.

No. 21,392. Delphinium hesperium Gray. Coyote Creek, Santa Clara Co., June 9, 1896.

No. 21,393. Delphinium hesperium Gray. Grade to Howell Mt., on lower slopes. June 26, 1893

No. 21,394. Delphinium hesperium Gray. Mt. Diablo, May 23-24, 1891.

No. 21,395. Delphinium hesperium Gray. Miller Cañon, Vaca Mts., May 23, 1897.

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No. 21,396. Orthocarpus lithospermoides Bth. Montezuma Hills, s. Solano Co., May 14, 1892.

No. 21,397. Orthocarpus lithospermoides Bth. Near Little Oak Ranch in 1889, near Vacaville.

No. 21,398. Orthocarpus lithospermoides Bth. Little Oak Ranch at Vacaville, May 15, 1896.

No. 21,399. Orthocarpus castillejoides Bth. Alameda, May 10, 1891.

No. 21,400. Orthocarpus castillejoides Bth. Glen Echo, Santa Cruz Co. June 17, 1896.

No. 21,401. Orthocarpus castillejoides Benth. acc. Keck. Howell Mt. foothills, e. of St. Helena. Apr. 24, 1893.



No. 21,402. Orthocarpus castillejoides Bth. var. insalutatus Jepson. Pacific Grove, 1906.

No. 21,403. Orthocarpus laceras Bth. Bear Valley, near Emigrant Gap, July, 1898. Placer Co.

No. 21,404. Orthocarpus laceras Bth. South Yolla Bolly, inner North Coast Range, s. Trinity Co., July, 1897.

No. 21,405. Orthocarpus laceras Bth. Big Meadow, on Crane Creek, near Yosemite, July 6, 1896.

No. 21,406. Orthocarpus floribundus Bth. South San Francisco, Apr. 4, 1891.

No. 21,407. Orthocarpus floribundus Bth. Presidio, San Francisco. May 20, 1891.

No. 21,408. Orthocarpus pusillus Nutt. Berkeley, Apr. 1, 1891.

No. 21,409. Orthocarpus pusillus Nutt. Osage Canon, Aragupa Hills, w. Solano Co., Mar. 24, 1892.

No. 21,410. Orthocarpus pusillus Bth. Lower hillsides west of St. Helena, on trail to Cann's Cabin.

No. 21,411. Orthocarpus versicolor Greene. South part of San Francisco. (on trip to San Bruno Hills, San Mateo Co.), Apr. 4, 1891.

No. 21,412. Pentstemon menziesii Hook. Mt. Shasta, above timber line. Aug. 4, 1894.

No. 21,413. Pentstemon newberryi Gray. Summit sta., Nevada Co., July, 1898. On granite.



No. 21,414. Pentstemon newberryi Gray. Black Butte, n. of Sisson, Siskiyou Co., July, 1894.

No. 21,415. Pentstemon sonomensis Greene. Mt. St. Helena, 2900 ft., Sept. 23, 1893.

No. 21,416. Pentstemon ovatus Dougl. Asa Bean Flat, Middle Eel River, se. Trinity Co. July 24, 1897.

No. 21,417. Pentstemon purpusii Bdg. South Yolla Bolly. July 25, 1897.

No. 21,418. Pentstemon corymbosus Bth. Bellview Castle Peak and Asa Bean Flat on Middle Eel River, se. Trinity Co., July 23, 1897.

No. 21,419. Pentstemon corymbosus Bth. Middle Creek, foot of Elk Mountain grade, n. Lake Co., Aug. 2, 1892.

No. 21,420. Pentstemon corymbosus Bth. South Butte, summit; Marysville Buttes, Apr. 20, 1891.

No. 21,421. Pentstemon deustus Dougl. Black Butte, n. of Sisson, Siskiyou Co., July, 1894.

No. 21,422. Pentstemon breviflorus Lindl. Coulterville, Mariposa Co., July 3, 1896.

No. 21,423. Pentstemon lemmonii Gray. Shasta Spgs., Siskiyou Co., 9 Aug., 1894.

No. 21,424. Pentstemon lemmonii Gray. Weldon Cañon, Vaca Mts., June 1, 1891.

No. 21,425. Pentstemon lemmonii Gray. Weldon Cañon, Sept. 13, 1891. Vaca Mts., Solano Co.

No. 21,426. Pentstemon lemmonii Gray. Knoxville Ridge, on grade to Lower Lake, Lake Co., July 29, 1892.



No. 21,427. Pentstemon lemmonii Gray. Weldon Cañon, Vaca Mts., June 30, 1891. Solano Co.

No. 21,428. Pentstemon laetus Gray var. roezlii (Regel) Jepson. Bear Valley, Nevada Co., July, 1898.

No. 21,429. Pentstemon laetus Gray var. sagittatus Keck. Horseshoe Bend, near Shasta Spgs., upper Sacramento River, Aug. 9, 1894.

No. 21,430. Pentstemon gracilentus Gray. Mt. Shasta, half-way up, between Sisson sta. and Horse Camp. Aug. 4, 1894.

No. 21,431. Pentstemon gracilentus Gray. Snow line, near Horse Camp, Mt. Shasta, Aug. 4, 1894.

No. 21,432. Pentstemon glaber Pursh. Mt. Shasta. Aug. 4, 1894.

No. 21,433. Pentstemon heterophyllus Lindl. Vacaville. Nov. 15, 1884. [Vacaville is all the record I have. It must have been from some of the cañons in the

main range, the Vaca Mountains. I do not now recall ever seeing it in the Araquipa Hills nor in the English Hills, although it might occur on Burns Peak or about Putnam Peak.]

No. 21,434. Pentstemon heterophyllus Lindl. Howell Nt., June 26, 1893. Napa Co.

No. 21,435. Pentstemon heterophyllus Lindl. Mt. Hanna. July 15, 1897. Lake Co.

No. 21,436. Pentstemon heterophyllus Lindl. Near Nt. Konocti, Lake Co., July 30, 1892.

No. 21,437. Pentstemon Lemmonii Gray. Mt. Hanna, Lake Co., grade to Clear Lake, July 17, 1897. (specimen lost! not able to locate RB, Nov. 1955)



No. 21,438. Pentstemon azureus Bth. Bear Valley, Nevada Co., July, 1898.

No. 21,439. Penstemon azureus Bth. var. Jeffreyanus Gray. Summit sta., Nevada Co., July, 1898.

No. 21,440. Pentstemon oreocharis Greene. South Yolla Bolly, inner North Coast Range, July 24, 1897.

No. 21,441. Pentstemon oreocharis Greene. Dog Valley, E. Nevada Co., Calif. (west of Reno, Nev.), Aug. 26, 1896.

No. 21,442. Pentstemon Tennessee Pass, Rocky Mts., Colo. Aug. 30, 1896.

No. 21,443. Wyethia angustifolia Nutt. Araquipa Hills, Solano Co., May 2-6, 1891.

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No. 21,444. Wyethia angustifolia Nutt. Bear Valley, Nevada Co., July 20, 1898.

No. 21,445. Wyethia angustifolia Nutt. Elk Mt., n. Lake Co., Aug. 2, 1891.

No. 21,446. Wyethia angustifolia Nutt. South Yollo Bolly, se. Trinity Co. July 25, 1897.

No. 21,447. Wyethia angustifolia Nutt. Sisson, Siskiyou Co., July, 1894.

No. 21,448. Wyethia helenioides Nutt. Dutton Cañon, Vaca Mts., May 17, 1892.

No. 21,449. Wyethia helenioides Nutt. Claremont, Berkeley Hills, April 11, 1896.

No. 21,450 Wyethia helenioides Nutt. Strawberry Cañon, Berkeley Hills, Mar. 7, 1896.



No. 21,451. Wyethia mollis Gray. Bear Valley, Nevada Co., July 21, 1898, 4500 ft.

No. 21,452. Wyethia angustifolia Nutt. var. solanensis. Montezuma School, Solano Co., May 14, 1892. Type.

No. 21,453. Penstemon azureus Bth. South Yolo Bolly, July 25, 1897. Se. Trinity Co.

No. 21,454. Mimetanthe pilosa Greene. Putah Creek bd, Sept. 17, 1887. Near Winters.

No. 21,455. Mimulus tricolor Hartw. Vacaville, May 17, 1884.

No. 21,456. Mimulus tricolor Hartw. Main Prairie, Solano Co., Apr. 12, 1885.

No. 21,457. Pedicularis densiflora Bth. Near head of Dutton Cañon, Vaca Mts., Mar. 11, 1890.

No. 21,458. Collinsia sparsiflora F. & M. Stivers ranch, Crane Creek, W. Tehama Co., Apr. 26, 1899.

No. 21,459. Collinsia sparsiflora F. & M. var. collina Newsom. St. Helena (hills e.), Apr. 24, 1893.

No. 21,460. Collinsia heterophylla Graham. Madrone, Santa Clara Co., June 9, 1896.

No. 21,461. Collinsia torreyi Gray. Hazel Green, Mariposa Co., July 4, '96.

No. 21,462. Orthocarpus purpurascens Benth. Vanden, Solano Co., Apr. 18, 1885.

No. 21,463. Orthocarpus attenuatus Gray. Old College Yard, Vacaville, Apr. 1, 1885.

No. 21,464. Orthocarpus lithospermoides Bth. Vacaville, May 5, 1884.

No. 21,465. Orthocarpus erianthus Bth. Vacaville, May 12, 1884.



No. 21,466. Orthocarpus purpurascens Bth. Vacaville, May 5, 1884.

No. 21,467. Penstemon Tennessee Pass, Rocky Mts., Colorado. Aug. 30, 1896.

No. 21,468. Castilleia affinis H. & A. Franz Valley grade, westerly from Calistoga. May 1, 1893.

No. 21,469. Castilleia Mt. Shasta, aug. 4, 1894.

No. 21,470. Orthocarpus Horse Camp, Mt. Shasta, Aug. 4, 1894.

No. 21,471. Castilleia foliolosa H. & A. Ridge above Collins Camp, Vaca Mts. Aug. 17, 1892.

No. 21,472. Castilleia foliolosa H. & A. Ridge above Collins Camp, Vaca Mts., June 12, 1893.

No. 21,473. Castilleia foliolosa H. & A. Bad of creek, near Johnsons, Miller Cañon, Vaca Mts., Sept. 21, 1891.

No. 21,474. Castilleia douglasii Bth. Marysville Buttes (South Peak), Apr. 20, 1891.

No. 21,475. Castilleia affinis H. & A. North Berkeley Hills, Alameda Co., May 31, 1896.

No. 21,476. Castilleia miniata Dougl. Shasta Springs, Siskiyou Co., Aug. 9, 1894.

No. 21,477. Castilleia douglasii Bth. Morrison Cañon, Niles, June 20, 1897.

No. 21,478. Castilleia miniata Dougl. Summit sta., Nevada Co., July, 1898.



No. 21,479. Castilleia North of Sisson, Siskiyou Co., on old stage road, in a marshy meadow. July, 1894.

No. 21,480. Castilleia affinis H. & A. Howell Mt., lower slopes, near Saint Helena, March 13, 1893.

No. 21,481. Castilleia Sisson, Siskiyou Co., July 24- Aug. 10, 1894.

No. 21,482. Castilleia Sisson, Siskiyou County, July 24- Aug. 10, 1894.

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